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DEPARTMENT OF THE NAVY

OFFICE OF THE CHIEF OF NAVAL OPERATIONS

WASHINGTON, D.C. 20350

IN REPLY REFER TO

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MEMORANDUM FOR DR. SMITH

Subj: Western Pacific and Indian Ocean Base Study; analyses for

(1) Three Scenarios A, B, and C. Enc1:

- 1. The requirements for naval forces and supporting bases in the area under consideration will be determined within the context of three projections of the world of 1970-1980. Scenario B is a median projection and assumes a continuation of present trends. Scenario A is a pessimistic variation which assumes a militant China while Scenario C is the optimistic variation which assumes a less threatening China. It is requested that CIA comment on the enclosed Scenarios as an appropriate political framework for the conduct of this study.
- The directive for this study requires R&D recommendations which necessitate technological appraisals of certain Soviet and Chinese capabilities during the period 1970-1980. It is requested that CIA make appraisals of the following:
 - Soviet efforts in New Ship Technology -- Propulsion and Hull Forms. Can it be foreseen when or if the USSR might develop 80-100 knot merchant ships or naval vessels?
 - b. Soviet Merchant Ship Technology. What will be the status of automation in ship operations, loading and unloading, containerization by 1980?
 - c. Satellite Communications. What is the likelihood that the Soviet Union will have the capability to incapacitate or seriously degrade communications based entirely on satellite relay, by 1980?
 - CPR Industrial Projections. What are the projections of Chinese industrial capacities and capabilities to 1980 and their related military limitations and implications?
 - e., Satellite Surveillance. What is the likelihood of the development by the Soviets of an all-weather satellite ship surveillance system by 1980 or soon thereafter?
- 3. It is also requested that the following estimates be provided: a. What are the possible political and economic strategies of the USSR and CPR in the Afro-Asian area in 1970-1980?
 - b'. What are the possible maritime objectives and activities of the Soviet Union for the period 1970-1980, particularly with reference

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to the Indian Ocean and Western Pacific.

c. What are the projections of Indian Ocean merchant traffic by flag, trade routes, and facilities for the 1970-1980 period.

AZEWELL T. SHEPARD

Captain, USN

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